Russell, I. C. On the Physical History of the Triassic Formation in New Jersey and Connecticut Valley.

Annals N. Y. Acad. Sci., vol. i, 1879, p. 79, also pp. 220-254.

Several references to particular Triassic areas in Maryland.

Scharf, J. T. History of Maryland from the Earliest Period to the Present Day. 3 vols., 4to, Baltimore, 1879.

Contains many references to the early maps, histories and industries of the state.

## 1880.

Brown, Thomas. The Maryland Union Coal Company.

Eng. and Min. Jour., vol. xxx, 1880, p. 3.

Several facts on the size, character and extent of the coal veins in the property of the company.

Dana, J. D. Manual of Geology. 3rd edit.

Maryland, pp. 236, 243, 419, 455, 490, 494-5.

Frazer, Persifor, Jr. The Geology of Lancaster County, Pa.

Rept. 2nd Geol. Surv. Pa. CCC, Harrisburg, 1880, atlas.

Deals with the geological formations along the border of the state and their extension into Maryland.

JEFFRIES, W. W. Menaccanite and Talc from Maryland.

Proc. Acad. Nat. Sci., Phila., 1880, p. 292.

## J. C. K. Maryland Mining Notes.

Eng. and Min. Jour., vol. xxix, 1880, p. 48.

Notes on iron and gold prospects from various parts of the state. Also reference, p. 306, to gold found near Mr. Appold's estate on land owned by Mr. F. M. Hay; assayed at \$30 per ton.

Lesley, J. P. On a slab of roofing slate covered with casts of *Buthotrephis flexuosa* from the Peach Bottom Slate Quarries. (Read Dec. 1879.)

Proc. Amer. Phil. Soc., vol. xviii, 1880, pp. 364-369.

This paper gives the history of the find, its determination by Lesquereux, analysis of slate and remarks by Frazer.

—— A Hudson River fossil plant in the Roofing slate that is associated with the chlorite slate and metamorphic limestone in Maryland, adjoining York and Lancaster Counties, Pennsylvania.

Amer. Jour. Sci., 3 ser., vol. xix, 1880, pp. 71-72.

Buthotrephis ficcuosa (determined by Lesquereux) in the Peach Bottom slates, Silurian age inferred. Extract from a letter.

RIGHDAN, O. Second Annual Report of Owen Riordan, Inspector of Mines for Allegany and Garrett Counties. For year ending Dec. 1879. 8vo. 31 pp.

Md. House and Senate Doc., 1880 [J].